

Amendments to the Claims as follows:

Would you please, kindly strike claims 1-58 then add claims 59-102.

59. A method of a virtual network resource infrastructure wherein a plurality of end users at clients access said virtual network resource infrastructure's virtual solution means, comprising:

- a) A plurality of virtual solutions hosted by said virtual network resource infrastructure; and
- b) At least one of said virtual solution of step (a) uses said virtual network resource infrastructure hosting means and hosts at least one other virtual solution.

60. The virtual network resource infrastructure according to claim 59, wherein said virtual solution means is an e-commerce, further comprising:

- a) A plurality of e-mall hosted by said virtual network resource infrastructure; and
- b) At least one of said e-mall of step (a) uses said virtual network resource infrastructure hosting means and hosts at least one e-commerce solution.

61. The e-commerce according to claim 60, wherein said virtual network resource infrastructure hosting a plurality of e-malls, each of said e-mall uses said virtual network resource infrastructure and hosts at least one e-shops and each of said e-shop having including means for including products from another e-shop.
62. The e-commerce according to claim 60, wherein said virtual network resource infrastructure hosts a plurality of e-malls and each of said e-mall having including means for including at least one e-shop, and said e-mall having presenting means for presenting said e-shop's products.
63. The e-commerce according to claim 60, wherein at least one e-mall having creating means for creating e-services and said e-services having associating means for associating said e-mall e-shops' products with said e-services; said e-services having guiding means for guiding said e-mall in presenting said e-mall e-shops' products with said e-mall's e-services.
64. The guiding according to claim 63, wherein said e-services guiding means is at least one encoded reference in a form element within said e-services.
65. The guiding according to claim 63, wherein said e-services guiding means is at least one word in said e-services.

66. The guiding according to claim 63, wherein said e-services guiding means is provided by said e-mall and it is at least one word within said e-services.
67. The e-commerce according to claim 60, wherein said virtual network resource infrastructure having means for hosting a satellite e-mall and said satellite e-mall having at least one e-service and making said e-service available to at least one other e-mall within said virtual network resource infrastructure.
68. The e-commerce according to claim 60, wherein said virtual network resource infrastructure having at least one a satellite e-mall and said satellite e-mall having at least one e-service and at least one e-mall within said virtual network resource infrastructure having incorporating means for incorporating said satellite e-mall and said satellite e-mall's e-service, also, said e-service having a guiding means for guiding said e-mall in the displaying of said e-mall's objects along with said e-service.
69. The satellite e-mall according to claim 68, wherein said guiding means is encoded reference in at least one form object element within said e-services.
70. The satellite e-mall according to claim 68, wherein said guiding means is encoded information within said e-service.

71. The satellite e-mail according to claim 68, wherein said guiding means is at least one word within said e-service.
72. The virtual network resource infrastructure according to claim 59, wherein said virtual solutions of step (a) and step (b) are the front-end means, and said virtual network resource infrastructure is the back-end means for said plurality of end users.
73. The virtual network resource infrastructure according to claim 59, wherein said virtual solution of step (a) acts as an intermediary between said virtual solution of step (b) and said virtual network resource infrastructure.
74. The virtual network resource infrastructure according to claim 59, wherein said virtual solution of step (a) and step (b) are hosted virtually and not having an infrastructure of their own.
75. A method of virtual hosting in a virtual network resource infrastructure having hosting means for hosting a plurality of virtual solutions; also, having management and support means for managing and supporting the hosting of said virtual solutions individually; further having sharing of resources means for sharing each of said virtual solution's resources with at least one other virtual solution located at said virtual network resource infrastructure.

76. The virtual hosting according to claim 75, wherein said shared resources is at least one good for sale.
77. The virtual hosting according to claim 75, wherein said shared resources is at least one e-service.
78. The virtual hosting according to claim 75, wherein said virtual solution is an e-commerce.
79. The virtual hosting according to claim 75, wherein said virtual solution is a web site.
80. The virtual network resource infrastructure according to claim 75, wherein said virtual network resource infrastructure having a means for on-line text object translation where an end user at a client initiates a request for a page translation and said client transmits said user request to said virtual network resource infrastructure, comprising: a client having selecting means for selecting a foreign language and an end user at said client selects a foreign language and said client having transmitting means for transmitting said end user selected foreign language in the form of encoded information to said virtual network resource infrastructure; said virtual network resource infrastructure having receiving means for receiving said encoded information from said client and said encoded information represents said end user selected foreign language, also, said virtual

network resource infrastructure having processing means for processing a program code and said program code having a translating function and said translating function having translating means for translating a page; said virtual network resource infrastructure having transmitting means for transmitting said translated page to said client; and said client having receiving and displaying means for receiving and displaying said translated page and said translated page is in the said end user selected foreign language.

81. The text object translation according to claim 80, wherein said function having receiving means for receiving at least one parameter and inserting means for inserting said function's result into a page, comprising:

- a) A code reference for retrieving a database table's row containing different foreign language in each column of said retrieved database table's row;
- b) An encoded information for retrieving a column at said retrieved database table's rows of step (a) and said retrieved database column is a database text object in the said end user selected foreign language; and
- c) Inserting means for inserting said retrieved text object of step (b) into a page.

82. The virtual network resource infrastructure according to claim 75, wherein said virtual network resource infrastructure having a means for on-line page translation

for translating text objects and said text object retrieved from a database table, comprising: an end user at said client selects a foreign language and said client having transmitting means for transmitting said user selection in the form of encoded information to said virtual network resource infrastructure; said virtual network resource infrastructure having receiving means for receiving said encoded information; said virtual network resource infrastructure having processing means for processing a program and said program having a translating function for translating text objects, also, said program having combining means for combining said encoded reference with SQL text string and form a SQL query expression and said query expression's result will only include database text objects in the said end user selected foreign language; said virtual network resource infrastructure having translating and transmitting means for translating and transmitting said translated page to said client; and said client having receiving and displaying means for receiving and displaying said translated page in the said end user selected foreign language.

83. The translating of database text objects according to claim 82, wherein said function having receiving means for receiving at least one parameter and inserting means for inserting said function's result into a page, comprising:

- a) A code reference for retrieving a database table's row containing different foreign language in each column of said retrieved database table's row;

- b) An encoded information for retrieving a column at said retrieved database table's rows of step (a) and said retrieved database column is a database text object in the said end user selected foreign language; and
- c) Inserting means for inserting said retrieved text object of step (b) into a page.

84. The translating of database text objects according to claim 82, wherein an encoded information is combined with a SQL text string and said SQL text string is a query expression for querying a database, comprising: a server having receiving means for receiving said encoded information and processing means for processing a program code and said program code having processing means for processing said query expression and perform a database query, and, said query's result will only retrieve database text objects in the said end user selected foreign language; and inserting means for inserting said retrieved text object into a page.

85. The virtual network resource infrastructure according to claim 75, wherein said virtual network resource infrastructure having interfacing means for interfacing a client accessing said resource infrastructure back-end means, comprising: said interfacing means is at least one pre-set interface located within said virtual network resource infrastructure and available as a front-end means.



86. The virtual network resource infrastructure according to claim 75, wherein said virtual network resource infrastructure having means for exchanging a web site's interface where an end user at a client uploads an interface to said virtual network resource infrastructure, comprising: a client having uploading means for uploading an end user's interface and said end user uploaded interface is the front-end means for an end user at a client accessing said virtual network resource infrastructure's back-end means; said virtual network resource infrastructure having receiving and processing means for receiving and processing said end user uploaded interface and creating means for creating a new interface.

87. The exchanging of interface according to claim 86, wherein said user uploaded interface is the front-end means for accessing said virtual network resource infrastructure back-end means.

88. The exchanging of interface according to claim 86, wherein said user uploaded interface having guiding means for guiding said virtual network resource infrastructure's server in the inserting of program code means and processing means for processing said user uploaded interface along with said inserted program code and creating means for creating a new interface.

89. The exchanging of interface according to claim 86, wherein said user uploaded interface residing at said virtual network resource infrastructure, another interface having a similar appearance as of said user uploaded interface residing at a

different location, and a client having fetching means for fetching more than one interface and displaying means for displaying an interface with uniform appearance.

90. The virtual network resource infrastructure according to claim 75, wherein said virtual network resource infrastructure having a means for uploading a file with settings for the purpose of changing an interface's appearance as to allow the same interface to have more than one appearances, comprising:

- a) A client having uploading means for uploading a file with settings and having transmitting means for transmitting said uploaded file with settings to said virtual network resource infrastructure;
- b) Said virtual network resource infrastructure having receiving and processing means for receiving and processing said uploaded file with settings and extracting means for extracting said file settings' parameters;
- c) Said virtual network resource infrastructure having inserting means for inserting said extracted parameters into said interface;
- d) Said virtual network resource infrastructure having transmitting means for transmitting said interface to a client and said interface having a new appearance based on said extracted parameters; and
- e) Said client of step (d) having receiving and displaying means for receiving and displaying an interface and said interface having an

appearance based on said user uploaded file with setting's parameters.

91. The virtual network resource infrastructure according to claim 75, wherein a server having creating means for creating a page and said page containing at least one object and said object having at least one encoded information and said encoded information is used by said server as guiding means for guiding said server to include at least one other object in said page and said server having transmitting means for transmitting said page to a client.
92. The virtual network resource infrastructure according to claim 75, wherein said virtual network resource infrastructure having a user surfing tracking means where a server supplying information to a client creates a surf user-list for tracking said supplied information to each of said client, comprising: a server with storing means for storing a surf code reference for each of said information supplied to each of said client and creating means for creating a surf user-list in said server for each of said client; and a client with requesting means for requesting a surf user-list that is stored in said server, also, said client having receiving means for receiving said surf user-list from said server and displaying means for displaying said surf user-list.
93. The surf user-list according to claim 92, wherein each of said information supplied to each of said client has a surf code reference for each of said supplied

information and said surf code reference is automatically stored in said server for each of said client and available for creating and presenting a surf user-list of previously viewed pages.

94. The virtual network resource infrastructure according to claim 75, wherein said virtual network resource infrastructure having a means of customized web site for presenting different information about the same subject matter tailored uniquely to each user based on each user's pre-set information, comprising: a user supplies information to the virtual network resource infrastructure and said virtual network resource infrastructure having storing means for storing said user supplied information; and upon said user requests information about a subject matter from said virtual network resource infrastructure, said virtual network resource infrastructure will only supply information about said requested subject matter to said user that is relevant to said user pre-set information stored in said virtual network resource infrastructure.

95. The customized web site according to claim 94, wherein said virtual network resource infrastructure having a plurality of information relating to a specific subject matter and upon a user requests information from said virtual network resource infrastructure, said virtual network resource infrastructure will only supply information about the requested subject matter that is based on said user's pre-set information which is stored in said virtual network resource infrastructure.

96. The virtual network resource infrastructure according to claim 75, wherein said virtual network resource infrastructure having communication means for communicating with a server computer and said server computer residing at another location other than said virtual network resource infrastructure.
97. The communication according to claim 96, wherein said virtual network resource infrastructure having means for requesting content from said server computer; said server computer supplies said content to said virtual network resource infrastructure; said virtual network resource infrastructure having means for incorporating said content to at least one virtual solution hosted by said virtual network resource infrastructure; also, having means for presenting said virtual solution to an end user at a client accessing said virtual network resource infrastructure back-end's virtual solution means as if it was a single virtual solution.
98. The communication according to claim 96, wherein said virtual network resource infrastructure having means for receiving a request from a server computer; said server computer's request is a request to supply content to said virtual network resource infrastructure; said virtual network resource infrastructure having receiving and storing means for receiving and storing said content; and making said content available to at least one virtual solution hosted by said virtual network resource infrastructure; also, having means for presenting said virtual solution to an end user at a client accessing said virtual network resource

infrastructure back-end's virtual solution means as if it was a single virtual solution.

99. The virtual network resource infrastructure according to claim 75, wherein at least one of said virtual solution having sharing resource means for sharing said virtual network resource infrastructure's resources.

100. A program in a storage medium and which can be read by a computer in which said program is stored and said program having means for processing a virtual hosting in a virtual network resource infrastructure wherein a plurality of clients access said virtual network resource infrastructure's virtual solution means, comprising:

- a) A plurality of virtual solutions hosted by said virtual network resource infrastructure; and
- b) At least one of said virtual solution of step (a) uses said virtual network resource infrastructure hosting means and hosts at least one other virtual solution.

101. A program in a storage medium and which can be read by a computer in which said program is stored and said program having means for processing the hosting of a plurality of virtual solutions; also, having management and support means for managing and supporting the hosting of said virtual solutions individually; further having sharing of resources means for sharing each of said

virtual solution's resources with at least one other virtual solution located at said virtual network resource infrastructure.

102. The program in a storage medium according to claim 101, wherein at least one of said virtual solution having sharing resource means for sharing said virtual network resource infrastructure's resources.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "J Almeida". The signature is fluid and cursive, with a large initial "J" and a stylized "Almeida".

John Almeida